

# ATEX AND ACD VACUUM CLEANERS

# ECOBULL PLUS 3D Z22 ATEX INDUSTRIAL VACUUM FOR INTENSIVE USE





4 kW - 5,5 HP



APPLICATION

Powders, solids and shavings



CAPACITY 65Lt



### **FEATURES**

- Suitable and safe for intensive work in Atex zones 2 or 22
- Atex-certified blower

- Compact, sturdy and easy to handle
- High-efficiency antistatic filtration with built-in semi-automatic cleaning system

# HIGHLIGHTS



#### **SUCTION UNIT**

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



#### **FILTER UNIT**

Filtration is provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



#### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



#### **COLLECTION UNIT**

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

## **TECHNICAL DATA**

MOTOR	
Typologies	Atex side channel blower
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	270 mBar
Maximum air flow	350 m3/h
Insulation class	55   F IP
Noise level	72 dB(A)

#### **MACHINE**

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D
Operating temperature	-10/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	65 Lt
Dimensions	660 x 800 mm
Height	1630 mm
Weight	120 Kg
Safety valve	Pressure relief valve

#### **FILTRATION**

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	М
Media	Antistatic polyester
Filter Cleaning System	Manual



# **FEATURES**



ATEX CERTIFICATION



**DEFLECTOR**Internal deflector to protect the filter



**PUSH HANDLE** 



POWER SUPPLY CABLE



**4-PIN ATEX INDUSTRIAL PLUG** 



**ANTISTATIC FILTRATION**Antistatic filtration to discharge static energy



**VACUUM GAUGE**Vacuum gauge for indication of filter clogged or in need of replacement



WHEEL WITH BRAKE
Non-marking wheel with integrated brake



**WHEELS**Non-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



**PRV**Pressure relief valve installed



**GRD**Grounding



**BX** Stainless steel bin AISI 304



## **OPTIONS**

# **AVAILABLE FILTER CLEANING SYSTEMS**



#### SP

Automatic reverse jet cleaning system Antistatic M class filter (EN 60335-2-69), 3 Polyester filter cartridges, 9 m² filter surface

# **AVAILABLE FILTER MEDIA**



#### HEPA 14

Absolute filter (EN 1822) 22.000 cm² filter surface H14 Class Filter (EN 1822) Glass fiber



#### PTFE ANT

Antistatlc PTFE filter (M class EN 60335-2-69)



# STRUCTURE AND OPTIONS

60<sup>©</sup>HZ

#### **60HZ**

Available in 60Hz version



#### **3 YEARS WARRANTY**

Purchasing the replacement filter along with



#### CYCLONIC EFFECT

Tangential inlet and cyclone installed Tangential inlet + cyclone



#### GX

Stainless steel bin and chamber AISI 304



#### TΧ

Stainless steel bin, chamber and frame AISI 304



#### AB

Accessories basket



#### 100 LT

100 Lt bin

# **ACCESSORIES**



#### P12377

#### ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



#### P13642

#### ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



#### P12378

#### ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



#### P13641

#### ANTISTATIC STARTER KIT Ø 40MM

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner